WHAT IS CLAIMED IS:

1. A band refeeding method in a banding packing machine in which, when the tip of the band to be supplied to a predetermined position of a band guide arch by the band supply means is stopped in such a state that it does not reach the predetermined position, band pull back means having a pair of rollers is driven in place of band supply means having a pair of rollers and

a tip portion of a band is returned to an original band feeding position by the band pull back means, and

then the band supply means is driven again, whereby the tip portion of the band is supplied to the predetermined position on the band guide arch side, comprising the steps of:

previously detecting a correct length of the band to be pulled back to the original band feeding position by the band pull back means based on the number of rotations which is obtained from a start of the supply of the band by a touch roller constituting the band supply means to a stop thereof; and

detecting the number of rotations of the touch roller corresponding to a smaller length than the amount of pulling back having the correct length detected previously, when the tip portion of the band is pulled back from such a position

that it is stopped,

reducing a rotating speed of the roller of the band pull back means when the number of rotations is detected, and

subsequently rotating the roller of the band pull back means at the low speed, whereby the tip of the band is pulled back to a set position.

2. A banding packing machine having a refeeding mechanism comprising:

a band guide arch;

band supply means having a pair of rollers; and

band pull back means having a pair of rollers,

in which a tip portion of a band is supplied to the band guide arch side by the band supply means, and

the band pull back means is driven in place of the band supply means, when the tip of the band is stopped in such a state that it does not reach a predetermined position, and

the tip portion of the band is returned to an original band feeding position by the band pull back means and

the band supply means is then driven again to supply the tip of the band to the predetermined position on the band guide arch side,

wherein a correct length of the band to be pulled back to the original band feeding position by the band pull back

means is previously detected based on the number of rotations, which is obtained from a start of the supply of the band by a touch roller constituting the band supply means to a stop thereof; and

the number of rotations of the touch roller corresponding to a smaller length than the amount of pulling back having the correct length detected previously is detected when the tip portion of the band is pulled back from such a position that it is stopped,

a rotating speed of the roller of the band pull back means is reduced when the number of rotations is detected, and

the roller of the band pull back means is subsequently rotated at the low speed, whereby the tip of the band is pulled back to a set position.